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- (71) Applicant (for all designated States except US): INCYTE PHARMACEUTICALS, INC. [US/US]; 3160 Porter Drive, Palo Alto, CA 94304 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): AU-YOUNG,

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(54) Title: HUMAN MEMBRANE CHANNEL PROTEINS

- 12 VEPDPEAGSEQEVFSAVEGFSAEETPSDIESPEVLETLQDAHQGLIGMDPPGDMDFVAA 1568324
V P P ++ A P E P FE E Q + +P + AA
- 8 VLPQPPGTFQKTEGAGFQPETESKPEANQPEP-EVQPEPEPEP-EPEPEPEPAPEEAA GI 2924369
- 72 ESTEDL---KALSSEEEFEMGGAQEPESLLPPSVLDQASVIAERFVSSFSRRSS-VAQE 1568324
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- 66 PEVOILPPEEPVEGEDVAEAGPSLQETQEQADPPQPTSAQVA---VVKVNRPSWMLSW GI 2924369
- 128 DSKSSGFGSPRLVSRSSSVLSLEGSEKGLARHGSAT 1568324
K P+ V SS +L E G + G+ T
- 122 FWKGMKVVQFVYSSGGQNLAGEGGFDQDGAQT GI 2924369
- 461 PERDGKSPITVFCLOEFAGEPLGGKGRK---PVLSLFDYEQIMAE-HSPPKPSSAG 1568324
P++DG FC + G G K P L L + +L ++ PP PS A
- 150 PDQDGAQTLEPGTGDEGSEDGSKTSKTSKQTEPSLWLLRWLELNLEKVLQPPPTPSQAW GI 2924369
- 514 EMSQRFFFNP-PAVSQRTISPGGRPSARSPLSPTE 1568324
++ P+ P P + P PS +P P E
- 210 KVEPEGAVLEDPFGTMEVEPTENPSQNP-GPVE GI 2924369
- 653 EKGPLPSPTAGLEESSGQGPSSPVALLGQVQDFQQAECQPKKEGSRDPADPSQGG 1568324
E+ P P G + SS P PV L+ + +A QP G +PS G
- 246 EEPAAEPQFGFQASSLPFGDFVRLTEALLHRLMALPQFVLHKAEEQEPSCFG GI 2924369

(57) Abstract: The invention provides new human membrane channel proteins (MECHP) and polynucleotides which identify and encode MECHP. The invention also provides expressi n vectors, host cells, antibodies, agonists, and antagonists. The invention also provides methods for diagnosing, treating, or preventing disorders associated with expression of MECHP.

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